

Appendix C

Point Source Control Efforts

Georgia DNR's management has promoted continuing improvement in the quality of return flows from permitted point sources in the basin. During the past twenty-five years, the majority of our municipal wastewater treatment plants were constructed or updated to meet state and/or federally mandated effluent standards. State and federal construction grants and the citizens of local municipalities funded these projects. This massive construction program has been so successful that over 90% of all these facilities in Georgia are currently meeting their effluent limits. We must protect our investments in these facilities and in the State's water quality.

The history of construction improvements for permitted dischargers within the Chattahoochee basin is summarized in the following table:

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1949	American Proteins, Inc. land application system.
1955	Tyson Foods in Cumming, built 7 acre facultative lagoon for \$35,000.
1956	City of Gainesville Linwood Drive WPCP, 3.1 MGD trickling filter system, \$693,578.
1960	Tallulah Falls School WTF, \$14,000.
1960	City of Gainesville WPC#1 (Flat Creek) 1.5 MGD trickling filter system, \$1,000,000.
1965	Gainesville WPC#1 converted to activated sludge system, \$1,337,886
1965	Cobb County Rottenwood WPCP, activated sludge system, 0.5 MGD, \$500,000.
1966	Dixie Mobile Home Park 0.0053 MGD oxidation pond for \$1,800.
1966	Clarksville Trickling Filter System, 0.750 MGD, \$500,000.
1966	Mount Vernon Mills, Inc. Alto Fabric Plant WTF.
1967	Shady Gove Mobile Home Park 0.020 MGD oxidation pond.
1968	Tyson upgraded, \$40,000.
1969	Gainesville upgraded Linwood Drive and WPC#1, \$451,443.
1969	Fulton County Big Creek WPCP, 0.75 MGD, \$1,000,000.
1971	Tyson upgraded, \$135,000.
1971	Lanier-Habersham Utility Corp. WTF.
1971	North Hall High School, 0.03 MGD.
1971	East Hall High School, 0.028 MGD.
1972	Gwinnett County Crooked Creek, 1.0 MGD two package plants, \$1,000,000.
1972	Johnson High School, 0.04 MGD.
1972	Wrigley Co. WTF, \$164,000.
1972	Gwinnett County Crooked Creek, 1.0 MGD with two package plants, \$1,000,000.
1973	Cobb County Chattahoochee River WPCP, activated sludge, 10.0 MGD, \$5,000,000.
1973	Fulton County Big Creek expanded to 1.6 MGD.

1973 Habersham Mills, \$34,320.
1973 Cinnamon Cove Condominium Association WTF.
1973 Mountain Lakes Resort, Inc., subsurface sand filter, 0.009 MGD.
1975 White Sulfur School, 0.013 MGD.
1975 Fulton County Big Creek WPCP expanded to 6.0 MGD.
1976 Tyson upgraded, \$270,000.
1976 DNR Buford Trout Hatchery WTF.
1976 Habersham Mills upgraded, \$24,975.
1976 Buford Westside WTF, 0.25 MGD, \$204,844.
1976 Buford Southside WTF, 1.0 MGD, \$554,854.
1977 Flowery Branch WTF, 0.2 MGD activated sludge system, \$270,000.
1977 Gwinnett County Crooked Creek upgraded and expanded to 2 MGD, \$1,300,000.
1979 Gainesville WPC#1 upgarded, \$7,510,522.
1980 Cobb County Chattahoochee River WPCP upgraded and expanded to 20.0 MGD, \$20,000,000.
1980 American Proteins, Inc. land application system, \$70,000.
1980 Fulton County John's Creek WPCP, 5 MGD.
1982 Fulton County Big Creek WPCP expanded to 8.0 MGD.
1983 Tyson upgraded, \$200,000.
1983 Dutch Quality House, 0.04 MGD land application system, \$160,000.
1983 Cobb County Chattahoochee River WPCP expanded to 26.5 MGD, \$1,300,000.
1984 Ranch Owner's Association, Inc., 0.1 MGD land application system, \$250,000.
1985 Chattahoochee Country Club, 0.1 MGD, \$71,000.
1985 Mount Vernon Mills Alto Fabric Plant WTF upgraded \$8,876.
1985 American Proteins, Inc. upgardes, \$32,000.
1985 Helen Land Application System, \$1,139,000.
1985 Tyson upgrades, \$150,000.
1986 American Proteins, Inc. Expanded land application system, \$635,000.
1986 Tyson upgraded, \$175,000.
1986 Wrigley Co. WTF upgraded, \$83,674.
1986 Fulton County Big Creek WPCP expanded to 9.0 MGD.
1987 Fulton County Big Creek WPCP upgraded and expanded to 11.0 MGD, \$2,123,416.
1987 Gainesville added emergency generators to Linwood Drive WPCP and WPC#1, \$200,000.
1987 Gwinnett County Crooked Creek upgraded and expanded to 6.5 MGD, \$16,000,000.
1987 Tyson constructed new facility, 2.5 MGD, \$2,200,000.
1988 American Proteins, Inc. upgraded, \$60,000.
1989 Gainesville WPC#1 Upgraded, \$15,000.
1989 Scovill Fasteners, Inc., 0.27 MGD, \$1,500,000.

- 1990 Buford Southside WTF expanded to 2.0 MGD, \$2,701,092.
- 1990 Cobb County Chattahoochee River WPCP, now known as R. L. Sutton Water Reclamation Facility, upgraded and expanded to 40 MGD, \$50,000,000.
- 1991 Dutch Quality House new dissolved air floatation unit and connection to the City of Gainesville sewer system, \$300,000.
- 1991 Mount Vernon Mills Alto Fabric Plant WTF upgraded, \$342,162.
- 1992 Fulton County Big Creek WPCP upgraded and expanded to 24 MGD, \$48,000,000.
- 1992 Fulton County John's Creek WPCP expanded to 7 MGD, \$5,533,210.
- 1992 Gwinnett County Crooked Creek expanded to 16 MGD, \$17,000,000.
- 1992 City of Cumming, 2 MGD activated sludge, \$4,000,000.
- 1992 Wrigley Co. WTF upgraded, \$125,000.
- 1992 American Proteins, Inc. upgraded, \$300,000.
- 1993 American Proteins, Inc. upgraded, \$500,000.
- 1993 City of Cleveland, 0.75 MGD, \$2,320,000.
- 1993 Tyson replaced aeration system, \$400,000.
- 1994 Sugar Hill Land Application System, 0.50 MGD, \$9,250,000.
- 1994 American Proteins, Inc. upgrades, \$558,000.
- 1995 American Proteins, Inc. upgrades, \$70,000.
- 1995 Gainesville WPC#1 upgraded, \$16,200,000.
- 1995 Gwinnett County Crooked Creek odor control system added, \$7,000,000.
- 1995 Mount Vernon Mills Alto Fabric Plant WTF upgrade \$225,034.
- 1995 Lanier-Habersham Utility Corp. WTF upgraded, \$3,000.
- 1996 Tyson equipment replacement, \$62,000.
- 1996 Helen Land Application System upgraded, \$263,000.
- 1997 American Proteins, Inc. upgrades, \$1,050,000.
- 1997 Gwinnett County Crooked Creek added new centrifuge, \$1,500,000.
- 1997 City of Dahlonga upgraded and expanded from 0.72 MGD to 1.44 MGD, \$3,886,000.

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- 1914 Atlanta Proctor Creek WTF trickling filter.
- 1914 Atlanta Peachtree Creek WTF trickling filter.
- 1937 Atlanta Utoy Creek primary treatment plant.
- 1938 Atlanta R.M. Clayton WPCP, 42 MGD primary treatment.
- 1938 LaGrange Hogansville Road WPCP, 0.125 MGD.
- 1942 Lockheed-Georgia Co. WTF.
- 1950 Georgia Power Plant Yates, activated sludge system, 0.014 MGD.
- 1951 Pine Mountain Imhoff tank installed.
- 1952 Bibb Manufacturing Company's Arnall WPCP.
- 1952 LaGrange Blue John Municipal 3.5 MGD.

1960	Fulton County Camp Creek WPCP, 3 MGD, \$1,000,000.
1962	Newnan, Snake Creek WPCP, 0.4 MGD trickling filter, \$247,000.
1963	Bibb Manufacturing Company's Arnco WPC.
1965	Cobb County Rottenwood WPCP, 0.5 MGD,\$500,000.
1967	LaGrange Blue John Industrial, 2.5 MGD.
1967	LaGrange Yellow Jacket WPCP, 1.0 MGD
1969	Palmetto WTF, 0.60 MGD.
1969	Union City WPCP, 0.25 MGD, \$175,000.
1970	Newnan, Mineral Springs WPCP, 0.75 MGD activated sludge.
1971	Pine Mountain 0.125 MGD activated sludge, \$187,000.
1971	F. D. Roosevelt State Park, WTF, 0.006 MGD.
1972	Lockheed-Georgia Co. WTF, 3.5 MGD, \$2,960,000.
1972	Douglas County School System, Bill Arp Elementary School
1973	Douglasville Southside WWTP, 1.0 MGD.
1973	Cobb County Chattahoochee WPCP(now known as the R.L.Sutton Water Reclamation Facility), 10 MGD, \$5,000,000.
1973	Days Inn LaGrange, 0.020 MGD land application system.
1973	Douglas Rebel Trails WWTP, 0.04 MGD, \$45,000.
1973	DOT I-95 South Rest Area, 0.015 MGD.
1973	DOT I-95 North Rest Area 0.030 MGD.
1974	Lockheed-Georgia Co. WTF upgraded and expanded to 7.0 MGD, \$4,180,000.
1975	Milliken's Duncan M. Stewart WTF, \$93,718.
1975	Atlanta Utoy Creek WPCP upgraded and expanded to 30 MGD.
1976	Atlanta R.M. Clayton upgraded and expanded to 120 MGD.
1976	Georgia Power Plant Wansley, activated sludge system, 0.01 MGD.
1976	Newnan Wahoo Creek WPCP, 0.750 MGD activated sludge, \$950,000.
1976	Douglasville Beaver Estates WWTP, \$70,000.
1976	Union City WPCP added disinfection, \$92,000.
1977	Douglasville Northside WWTP, 1.0 MGD, \$709,900.
1977	Harris County High School, 0.016 MGD.
1980	Cobb Co. Chattahoochee WPCP upgraded and expanded to 20 mgd, \$20,000,000.
1982	LaGrange Blue John Industrial upgrades, \$1,000,000.
1982	Coweta County took ownership of the Bibb Manufacturing Company Arnall and WPCPs.
1983	Cobb Co. Chattahoochee WPCP expanded to 26.5 MGD, \$1,300,000.
1984	City of Hamilton, 0.045 MGD, activated sludge system.
1984	DOT I-85 South Rest Area 0.015 upgraded, \$8,000.
1984	DOT I-85 North Rest Area 0.030 upgraded, \$8,000.
1985	Douglasville St. Andrews land application system, \$290,000.

- 1985 Franklin Aluminum industrial WTF, \$218,621.
- 1986 LaGrange Long Cane Creek WPCP, 8.2 MGD, \$22,000,000.
- 1986 LaGrange. Hogansville Road, Yellow Jacket, Blue John Municipal & Industrial facilities taken out of service. Flows routed to Long Cane Creek WPCP.
- 1987 Douglasville Southside expanded to 1.5 MGD.
- 1989 Douglasville Sweetwater Creek, 3.0 MGD, \$6,100,000.
- 1989 Fulton County Camp Creek WPCP upgraded for 13 MGD, \$256,400.
- 1990 Douglasville Southside WWTP upgraded, 3.25 MGD, \$6,000,000.
- 1990 Cobb Co. R.L. Sutton Water Reclamation Facility upgraded and expanded to 40 MGD, \$50,000,000.
- 1991 Coweta County Arnall WPCP upgraded
- 1993 Newnan Wahoo, upgraded and expanded to 3.00 MGD, \$5.2 million
- 1993 LaGrange Long Cane Creek upgrade, \$5,600,000.
- 1994 Coweta County Arnco WPCP upgraded.
- 1994 Newnan Wahoo, new lab, \$175,000.
- 1994 LaGrange Long Cane Creek expanded to 12.5 MGD, \$21,400,000.
- 1994 Atlanta North Ave., Greensferry, and Tanyard CSO Facilities, \$45,000,000.
- 1996 Days Inn LaGrange rehabilitated 0.030 land application system, \$60,000.
- 1996 City of Hamilton, added improvements to lab.

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- 1964 US Army Fort Benning, facility #1, primary treatment, \$1,012,565
- 1964 US Army Fort Benning, facility #2, primary treatment, \$183,376
- 1967 US Army Fort Benning, facility #1, expanded and upgrades, \$4.6 MGD.
- 1967 US Army Fort Benning, facility #2, expanded and upgrades, 3.8 MGD.
- 1974 DNR Florence Marina State Park Treatment Plant, \$42,520.
- 1979 US Army Fort Benning, facility #3 closed and flows routed to facility #1.
- 1989 Chattahoochee County 0.022 MGD land application system, \$171,726.
- 1995 Columbus CSO Facilities, \$82,000,000.

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- 1975 Fort Gaines WPCP, 0.15 MGD, \$209,000.
- 1987 Georgia Tubing Corp. WPCP, \$900,000.
- 1996 Fort Gaines WPCP, upgraded, \$280,000.